

Pollution Prevention Afloat: Paint Gun Cleaning Station

Technology Description

- Commercial automated closed-loop system that flushes & cleans paint guns & accessories
 - Recirculates & reuses solvent
 - Replaces manual cleaning of paint guns

Paint gun cleaning station being evaluated on USS CARL VINSON (CVN-70)



Benefits

- ☆ Help comply with wide range of laws, regulations, Executive Orders, & Navy policies establishing HM reduction & pollution prevention goals & requirements
- ☆ Reduce spent solvent & rag wastes from hand washing of paint guns
- ☆ Eliminates crew exposure to hazardous chemicals
- ☆ Favorable return on investment (per ship)
 - \$32K savings over 10 yrs
 - 2.7-year break-even point
 - 44% labor reduction

RDT&E Status

- Successful evaluations on amphibious, aircraft carrier, & supply ships
- Designing modifications for also cleaning paint brushes & rollers
- Technology opportunity for existing & future ships